LISTING OF CLAIMS:

1. (Original) An ethanolate of azithromycin having an ethanol content of about 1.5% to about 3%.

2. (Original) The ethanolate of claim 1, having a water content of about 2% to about 4%.

3. (Original) The ethanolate of claim 2, wherein the water content is between about 2.5% and about 3.5%.

4. (Original) The ethanolate of claim 1, wherein the ethanol content is about 1.5% to about 2.5%.

5. (Original) The ethanolate of claim 4, wherein the water content is about 2% to about 4%.

6. (Original) The ethanolate of claim 5, wherein the water content is between about 1.5% and about 2.5%.

7. (Original) An ethanolate of azithromycin that is characterized by a powder x-ray diffraction pattern substantially as depicted in FIG. 2.

8. (Original) A method of making an ethanolate of azithromycin, comprising the steps of:

forming an azithromycin solution by dissolving azithromycin in ethanol;

adding water to the azithromycin solution such that crystallization of the azithromycin begins and a suspension is formed; and,

isolating the crystals of azithromycin.

9. (Original) The method of claim 8, further comprising maintaining the suspension at a temperature from about 30.degree. C. to about 80.degree. C. for a period of time, following the step of adding water to the azithromycin solution.

10. (Original) The method of claim 8, further comprising adding additional water to the suspension, and maintaining the suspension at a temperature from about 30.degree. C. to about 80.degree. C. for about 1 hour to about 18 hours, following the step of adding water to the azithromycin solution.

11. (Original) The method of claim 8, further comprising cooling the suspension to about 20.degree. C., prior to the step of isolating the crystals of azithromycin.

12. (Original) The method of claim 8, wherein the ethanolate of azithromycin has an ethanol content of about 1.5% to about 3%.

13. (Original) The method of claim 8, wherein the ethanolate of azithromycin has a water content of about 2% to about 4%.

14. (Original) The method of claim 8, wherein the ethanolate is characterized by a powder x-ray diffraction pattern substantially as depicted in FIG. 2.

15. (Original) A pharmaceutical composition comprising a therapeutically effective amount of the ethanolate of the claim 1 and a pharmaceutically acceptable carrier.

16. (New) A crystalline form of substantially pure form F azithromycin.

17. (New) A crystalline form according to claim 16, wherein said form is characterized as containing about 2% to about 4% water and about 1.5% to about 3% ethanol by weight in a powder sample.

18. (New) A crystalline form of azithromycin according to claim 16, wherein said form is characterized as containing 2% to 4% water and 1.5% to 3% ethanol by weight in a powder sample.

19. (New) A crystalline form of azithromycin according to claim 16 wherein said azithromycin comprises 99% or more by weight of form F azithromycin.

20. (New) A pharmaceutical composition comprising a crystalline form of azithromycin as in claim 16 or claim 20, and a pharmaceutically acceptable excipient.

21. (New) A method of preparing the crystalline form of claim 16 comprising the steps of dissolving azithromycin in ethanol to form an ethanol solution, cooling the ethanol solution to about 20 °C, precipitating azithromycin crystals and isolating the crystals.

22. (New) A method of treating a bacterial infection or a protozoa infection in a mammal, fish, or bird which comprises administering to said mammal, fish or bird a therapeutically effective amount of crystalline azithromycin according to claim 16.

23. (New) A crystalline form of azithromycin prepared by a process comprising:

forming an azithromycin solution by dissolving azithromycin in ethanol;

adding water to the azithromycin solution such that crystallization of the azithromycin begins and a suspension is formed; and,

isolating the crystals of azithromycin.

24. (New) The azithromycin of claim 23, wherein azithromycin is form F azithromycin.

25. (New) The azithromycin of claim 24, wherein the form F azithromycin is substantially pure.

26. (New) The form F azithromycin of claim 24 wherein said azithromycin comprises 99% or more by weight of form F azithromycin.